PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
455 12TH STREET, S.W.
WASHINGTON, D.C. 20554
News media information 202/418-0500 Fax-On-Demand 202/418-2830

Released: July 28, 2005

Report No. 380 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 6/1/05 to 7/1/05:

- **WD2XQU OREGON STATE UNIVERSITY - COLLEGE OF OCEANIC AND ATMOSPHERIC SCIENCE 0130-EX-PL-2005**
  New experimental to operate using a bandwidth of 50 kHz centered on 4400 kHz, 4470 kHz, 4550 kHz, 4580 kHz, 4600 kHz and 4800 kHz for measuring and mapping ocean currents under NSF grants.
  Fixed: Newport (Lincoln), OR

- **WD2XRD OREGON STATE UNIVERSITY - COLLEGE OF OCEANIC AND ATMOSPHERIC SCIENCE 0148-EX-PL-2005**
  New experimental to operate using a bandwidth of 50 kHz centered on 4400 kHz, 4470 kHz, 4550 kHz, 4580 kHz, 4600 kHz and 4800 kHz for measuring and mapping ocean currents under NSF grants.
  Fixed: Long Beach (Pacific), WA

- **WD2XRE OREGON STATE UNIVERSITY - COLLEGE OF OCEANIC AND ATMOSPHERIC SCIENCE 0153-EX-PL-2005**
  New experimental to operate using a bandwidth of 50 kHz centered on 4400 kHz, 4470 kHz, 4550 kHz, 4580 kHz, 4600 kHz and 4800 kHz for measuring and mapping ocean currents under NSF grants.
  Fixed: Rockaway Beach (Tillamook), OR

- **WD2XRF OREGON STATE UNIVERSITY - COLLEGE OF OCEANIC AND ATMOSPHERIC SCIENCE 0155-EX-PL-2005**
  New experimental to operate using a bandwidth of 50 kHz centered on 4400 kHz, 4470 kHz, 4550 kHz, 4580 kHz, 4600 kHz and 4800 kHz for measuring and mapping ocean currents under NSF grants.
  Fixed: Winchester Bay (Douglas), OR

- **WD2XRG OREGON STATE UNIVERSITY - COLLEGE OF OCEANIC AND ATMOSPHERIC SCIENCE 0156-EX-PL-2005**
  New experimental to operate using a bandwidth of 50 kHz centered on 4400 kHz, 4470 kHz, 4550 kHz, 4580 kHz, 4600 kHz and 4800 kHz for measuring and mapping ocean currents under NSF grants.
  Fixed: Sixes (Curry), OR

- **WD2XRH OREGON STATE UNIVERSITY - COLLEGE OF OCEANIC AND ATMOSPHERIC SCIENCE 0159-EX-PL-2005**
  New experimental to operate using a bandwidth of 50 kHz centered on 4400 kHz, 4470 kHz, 4550 kHz, 4580 kHz, 4600 kHz and 4800 kHz for measuring and mapping ocean currents under NSF grants.
  Fixed: Crescent City (Del Norte), CA

- **WD2XKH FORD MOTOR CO. 0133-EX-PL-2004**
  New experimental to operate on frequencies from 1.8 MHz to 2 GHz for vehicle RF Immunity testing.
  Mobile: Romeo (Macomb), MI; Dearborn (Wayne), MI

- **WD2XNV BOEING COMPANY, THE 0290-EX-PL-2004**
  New experimental to operate in 30-121 MHz and 156.85-242.95 MHz for antenna testing.
  Fixed: Algona (King), WA

- **WD2XEO ANDREW CORPORATION 0137-EX-PL-2003**
  New experimental to operate in multiple bands between 138 and 2690 MHz for antenna test range testing.
  Fixed: Richardson (Collin), TX

- **WD2XND BIGELOW DEVELOPMENT AEROSPACE DIVISION, LLC 0264-EX-PL-2004**
  New experimental to operate on 400 MHz for research for satellite program.
  Fixed & Mobile: North Las Vegas (Clark), NV; Fairfax (Fairfax), VA; North America from Earth orbit

- **WD2XMP CALIFORNIA DEPARTMENT OF FISH AND GAME 0224-EX-PL-2004**
  New experimental to operate on 401.65 MHz for wildlife study.
  Mobile: Alaska to California migration areas

- **WD2XJW BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC. 0107-EX-PL-2004**
  New experimental to operate on various bands between 500 and 6000 MHz at company test range for antenna testing.
  Fixed: Merrimack (Hillsborough), NH

- **WD2XPM CISCO SYSTEMS INC 0092-EX-PL-2005**
  New experimental to operate on 800 MHz, 1.7 GHz and 2 GHz for equipment testing.
  Fixed & Mobile: Research Triangle Park, NC

- **WD2XRT CISCO SYSTEMS INC 0150-EX-PL-2005**
  New experimental to operate on 800 MHz, 1.7 GHz and 2 GHz for equipment testing.
  Mobile: Milpitas, CA

- **WD2XRW SONOMA TECHNOLOGY, INC. 0162-EX-PL-2005**
  New experimental to operate wind profiler radar on 915 MHz for meteorological studies.
  Fixed: New Braunfels (Guadalupe), TX

- **WD2XNL MOBILE SATELLITE VENTURES SUBSIDIARY LLC 0009-EX-PL-2005**
  New experimental to operate in 1631.5-1660 MHz for demonstrating CDMA handsets that provide voice and data.
  Mobile: Continental U.S.

- **WD2XSL AT&T CORP. 0176-EX-PL-2005**
  New experimental to operate in 1850-1990 MHz for equipment testing and development.
  Fixed & Mobile: Florham Park (Morris) NJ

- **WD2XRI BECEEM COMMUNICATIONS INC. 0132-EX-PL-2005**
  New experimental to operate in 2345-2360 MHz for equipment testing.
  Fixed & Mobile: Santa Clara (Santa Clara), CA

- **WD2XSO SPACE EXPLORATION TECHNOLOGIES 0185-EX-PL-2005**
  New experimental to operate in 2390-2450 MHz to support satellite launches under Government contracts.
  Mobile: Upper stage of SpaceX Falcon 1 Launch Vehicle, max. altitude: 420 km

- **WD2XRZ INTERNATIONAL SYSTEMS LLC 0152-EX-PL-2005**
  New experimental to operate in 2422-2444 MHz for testing the command and control systems of unmanned aeronautical vehicles.
  Mobile: Yuma (YUMA), AZ, maximum altitude 15,000 feet

- **WD2XQZ NEXTNET WIRELESS 0129-EX-PL-2005**
  New experimental to operate in 2554-2560, 2566-2572, 2578-2584 and 2590-2596 MHz for testing a local loop wireless network access system.
  Fixed: Waseca (Waseca), MN

- **WD2XQX NEXTNET WIRELESS 0127-EX-PL-2005**
  New experimental to operate in 3370-3376, 3376-3382, 3382-3388 and 3388-3394 MHz for development and testing of a local loop high speed wireless network access system to be sold and used only in foreign countries.
  Fixed: Waseca (Waseca), MN; Bloomington (Hennepin), MN

- **WD2XQV NEXTNET WIRELESS 0125-EX-PL-2005**
  New experimental to operate in 3500-3507, 3507-3514, 3514-3521 and 3521-3528 MHz for development and testing of a local loop high speed wireless network access system to be sold and used only in foreign countries.
  Fixed: Waseca (Waseca), MN; Bloomington (Hennepin), MN

- **WD2XSI TOWERSTREAM CORP. 0174-EX-PL-2005**
  New experimental to operate in 3650-3700 MHz for test and development of wireless broadband technologies.
  Fixed & Mobile: San Francisco (San Francisco), CA

- **WD2XSN WILINE NETWORKS, INC. 0184-EX-PL-2005**
  New experimental to operate in 3650-3700 MHz for test and development of wireless broadband technologies.
  Fixed: San Francisco (San Francisco), CA

- **WD2XSM ALVARION INC 0179-EX-PL-2005**
  New experimental to operate on 4900 MHz for testing equipment for public safety.
  Fixed & Mobile: Bay area CA

- **WD2XRY OMEGA SYSTEMS, INC. 0145-EX-PL-2005**
  New experimental to operate in 14000-14500 MHz for testing SATCOM on mobile land vehicle (SATCOM-on-the Move) to provide US Army mobile command and control capability.
  Mobile: Ft. Gordon, GA

- **WD2XSJ TITAN CORPORATION, THE 0180-EX-PL-2005**
  New experimental to operate in 14000-14500 MHz for test and development of mobile communications system for military.
  Mobile: Continental United States

- **WD2XRV HNS LICENSE SUB, LLC 0117-EX-PL-2005**
  New experimental to operate in 19700-20200 MHz and 29500-30000 MHz to test earth station prototypes for the Spaceway Ka band GSO FSS satellite system.
  Fixed: Germantown (Montgomery), MD

- **WD2XSD BRIDGEWAVE COMMUNICATIONS, INC. 0172-EX-PL-2005**
  New experimental to operate in 58.9-63 GHz for antenna testing.
  Fixed: Irvine (Orange), CA

- **WD2XSF BRIDGEWAVE COMMUNICATIONS, INC 0178-EX-PL-2005**
  New experimental to operate in 58.9-63.1 GHz for antenna testing.
  Fixed: Irvine (Orange), CA